

Mitogenic Activity of CTGF and CTGF Domains

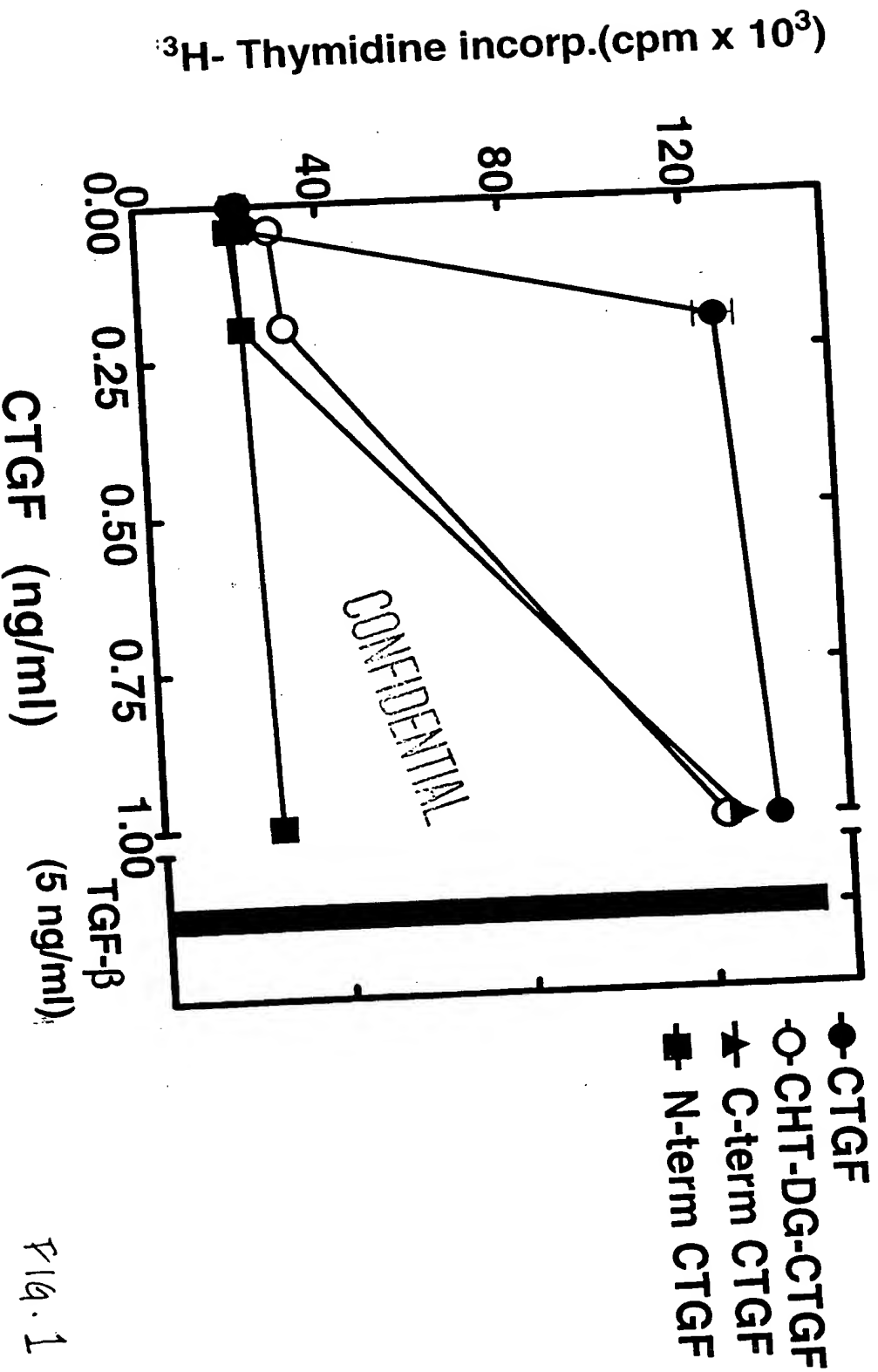


Fig. 1

0944515445.121499

Figure 1

Figure 2A

cccgccgacagccccgagacgacagccccggcgcggtcccggtccccacctccgaccaccgcca
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accATGACCGCCGCCAGTATGGGCCCCGTCCGCGTCGCCTTCGTGGTCCTCCTC

M T A A S M G P V R V A F V V L L

GCCCTCTGCAGCCGGCCGGCCGTCCGCCAGAACTGCAGCGGGCCGTGCCGGTGCCCGGAC

A L C S R P A V G Q N C S G P C R C P D

| -> exon 2

GAGCCGGCGCCGCGCTGCCCGGCGGGCGTGAGCCTCGTGCTGGACGGCTGCGGCTGCTGC

E P A P R C P A G V S L V L D G C G C C

CGCGTCTGCGCCAAGCAGCTGGGCGAGCTGTGCACCGAGCGGACCCCTGCGACCCGCAC

R V C A K Q L G E L C T E R D P C D P H

AAGGGCCTCTTCTGTGACTTCGGCTCCCCGGCCAACCGCAAGATCGGCGTGTGCACCCGCC

K G L F C D F G S P A N R K I G V C T A

| ->

AAAGATGGTGCTCCCTGCATCTTCGGTGGTACGGTGTACCGCAGCGGAGAGTCCTTCCAG

K D G A P C I F G G T V Y R S G E S F Q

exon 3

AGCAGCTGCAAGTACCAGTGACGTGCCTGGACGGGGCGGTGGGCTGCATGCCCCCTGTGC

S S C K Y Q C T C L D G A V G C M P L C

AGCATGGACGTTTCGTCTGCCCAGCCCTGACTGCCCCTTCCCGAGGAGGGTCAAGCTGCCC

S M D V R L P S P D C P F P R R V K L P

GGGAAATGCTGCGAGGAGTGGGTGTGTGACGAGCCCAAGGACCAAAACCGTG GTTGGGCCT

G K C C E E W V C D E P K D Q T V V G P

GCCCTCGCGGCTTACCGACTGGAAGACACGTTTGGCCCAGACCCAACTATGATTAGAGCC

A L A A Y R L E D T F G P D P T M I R A

| -> exon 4

AACTGCCTGGTCCAGACCACAGAGTGGAGCGCCTGTTCCAAGACCTGTGGGATGGGCATC

N C L V Q T T E W S A C S K T C G M G I

TCCACCCGGGTTACCAATGACAACGCCTCCTGCAGGCTAGAGAAGCAGAGCCGCCTGTGC

S T R V T N D N A S C R L E K Q S R L C

5' 3' 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

[illegible]

| -> exon 5

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SECRET

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N C L V Q T T E W S A C S K T C G M G I

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S T R V T N D N A S C R L E K Q S R L C

ATGGTCAGGCCTTGCGAAGCTGACCTGGAAGAGAACATTAAGAAGGGCAAAAAGTGCATC
M V R P C E A D L E E N I K K G K K C I
| -> exon 5

CGTACTCCCAAATCTCCAAGCCTATCAAGTTTGAGCTTTCTGGCTGCACCAGCATGAAG
R T P K I S K P I K F E L S G C T S M K

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T Y R A K F C G V C T D G R C C T P H R

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T T T L P V E F K C P D G E V M K K N M

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M F I K T C A C H Y N C P G D N D I F E

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S L Y Y R K M Y G D M A *

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Figure 4

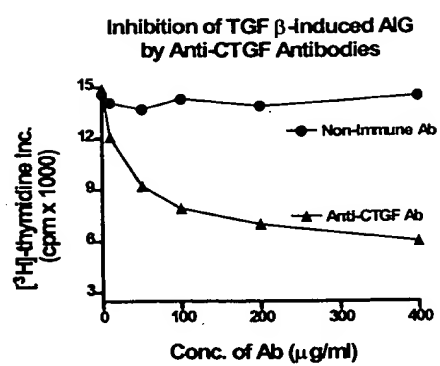


Figure 5

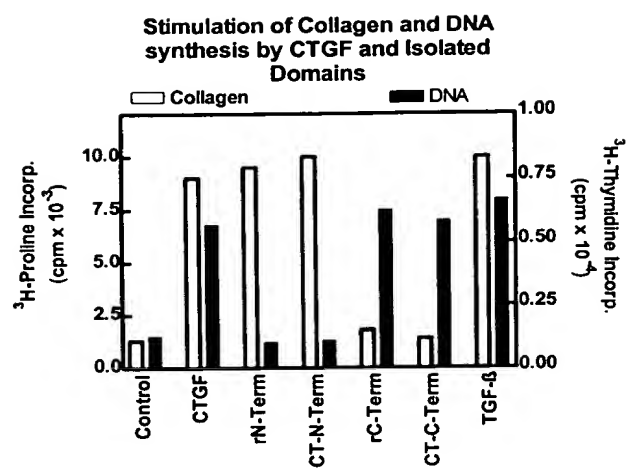


Figure 6

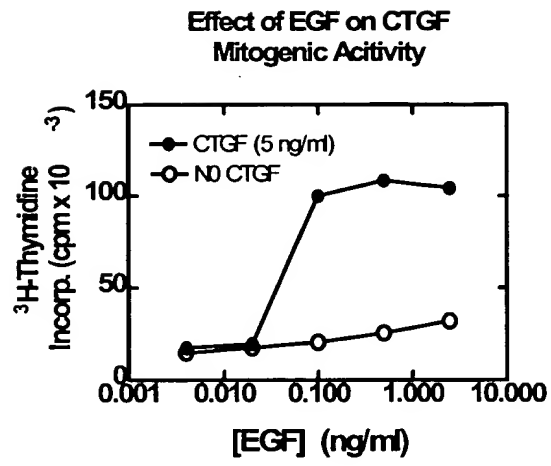
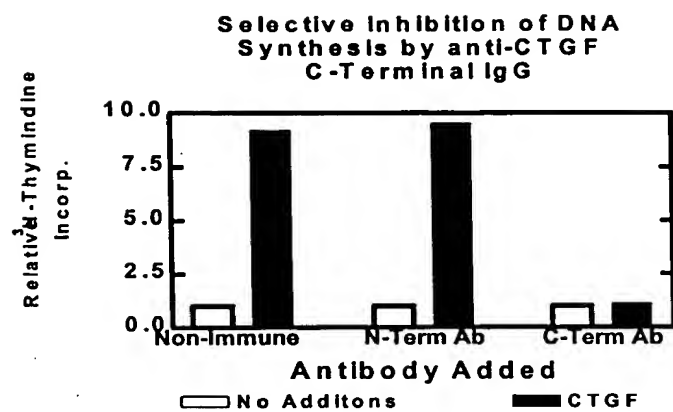


FIGURE 7



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